



# PUSH-LOCK RED

MANUFACTURING & MACHINE TOOLS

**Automotive industries**

Ideally designed for hydraulic pneumatic low pressure lines for robotic in automotive industries. Used with push-on fittings at maximum working pressure of 16bar (250psi). Not suitable for impulse pressure application.

**Advantages**

- 40, 80 and 100m delivered in one piece on wooden reel.
- Very good abrasion resistance.
- Flexibility, light weight and easy handling.
- Free from silicone.

**Technical description**

**Inner tube:** oil resistant NBR/PVC, black, smooth.

**Reinforcement:** one textile braid.

**Cover:** abrasion, oil and weather resistant NBR/PVC, red, smooth.

**Temperature range:**

Air: -20°C/+110°C (peak +125°C).

Water: 0°C/+100°C (peak +110 °C).

Hydraulic oils: -20°C/+70°C (peak +90°C).

Water glycol: -20°C/+ 70 °C (peak +90°C).

**Electrical properties:** non-conductive inner tube,  $R > 10^{12} \Omega/m$ .

**Couplings/Fittings**

Used with push-on fittings at maximum working pressure of 16bar (250psi).

**Complementary information**

40, 80 and 100m: delivered in one piece on wooden reel.

20m: delivered in coils with PE film on palet.



ID inch	ID mm		OD mm		Working pressure		Bursting pressure		Bending radius mm	Weight kg/m	Length m	Notes
		±0.4		±0.8	bar	psi	bar	psi				
1/4	<b>6.3</b>	±0.4	12.4	±0.8	16	250	64	1000	45	0.12	<b>40 - 100</b>	
3/8	<b>9.6</b>	±0.4	15.5	±0.8	16	250	64	1000	75	0.16	<b>40 - 100</b>	
1/2	<b>12.7</b>	±0.5	18.7	±1.0	16	250	64	1000	90	0.19	<b>40 - 100</b>	
5/8	<b>16.0</b>	±0.6	22.9	±1.0	16	250	64	1000	115	0.28	<b>40 - 80</b>	
3/4	<b>19.2</b>	±0.6	26.5	±1.0	16	250	64	1000	135	0.34	<b>40 - 80</b>	

Tolerance on length: ±1% (ISO 1307 Standard).

Lengths in bold = stock item. Other lengths = non stock (consult us for minimum quantity of order).

**Branding**

